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IT0031-US

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

HUANG, YUAN-CHANG

Serial No.: 10/717,355

Filed: November 19, 2003

For: CONDUCTIVE BUMPS WITH  
INSULATING SIDEWALLS AND  
METHOD FOR FABRICATING

Art Unit: 2811

Examiner: VU, Hung K.

## REVOCATION AND APPOINTMENT OF POWER OF ATTORNEY

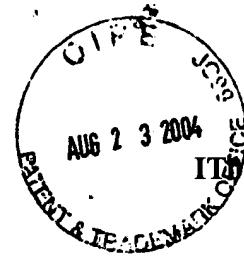
The Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Honorable Sir:

I hereby revoke all previous Powers of Attorney and appoint the following attorneys  
associated with Customer Number 28970.

Send correspondence to: Yitai Hu  
Shaw Pittman  
1650 Tysons Blvd.  
McLean, VA 22102

Dated: August 23, 2004By: Alex FanName: Alex FanTitle: Director of IP Management & Legal Affairs DILFor Assignee: Industrial Technology Research Institute



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**SUBMISSION UNDER 37 C.F.R. §3.73(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is a statement under 37 C.F.R. §3.73(b) establishing the right of the assignee to take action in the above-identified application.

If any fees are necessary to act upon this request, the Patent Office is authorized to charge Deposit Account No. 50-1390.

SHAW PITTMAN LLP  
1650 Tysons Boulevard  
McLean, VA 22102  
Tel: 703/770-7900

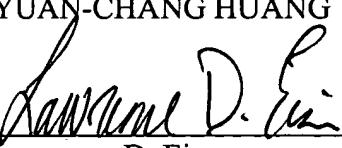
Date: August 23, 2004

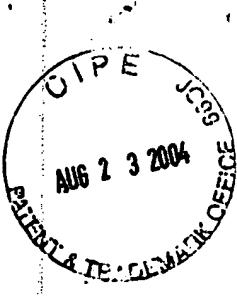
LDE/lrhj

Customer No. 28970

Respectfully submitted,

YUAN-CHANG HUANG

By:   
Lawrence D. Eisen  
Registration No. 41,009



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PTO/SB/96 (08-03)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: HUANG, YUAN-CHANG

Application No./Patent No.: 10/717,355 Filed/Issue Date: November 19, 2003

Entitled: **CONDUCTIVE BUMPS WITH INSULATING SIDEWALLS AND METHOD FOR FABRICATING**

Industrial Technology Research Institute, an institute of Taiwan R.O.C

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or

2.  an assignee of less than the entire right, title and interest.

The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: YUAN-CHANG HUANG To: INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

August 23, 2004  
Date

Alex Fan

Typed or printed name

Alex Fan

Signature

Telephone number

Director of IP Management & Legal Affairs Div.  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE D FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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920003

**BEST AVAILABLE COPY****ASSIGNMENT**

WHEREAS, I, YUAN-CHIANG HUANG, have invented certain improvements  
in

**CONDUCTIVE BUMPS WITH INSULATING SIDEWALLS AND  
METHOD FOR FABRICATING**

for which application for Letters Patent in the United States was filed on Nov. 19, 2003 under  
Serial No. 10/717,355; and

WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, Room  
51-103, TTSC/B100, 195 Section 4, Chung Hsing Road, Chulung, Hsinchu, Taiwan, is desirous  
of acquiring the entire right, title and interest in and to said invention;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and  
valuable consideration, the receipt of which is hereby acknowledged, I, YUAN-CHIANG  
HUANG by these presents, do hereby sell, assign and transfer unto the said corporation and its  
assigns, for the territory of the United States of America and all foreign countries, the entire  
right, title and interest, including all priority rights under the International Convention associated  
with each country of the Union, in and to said invention as described in the patent application  
executed by me on the \_\_\_\_\_ day of \_\_\_\_\_, 2004, preparatory to obtaining  
Letters Patent of the United States thereon, and in and to said application and any Letters Patent  
that may be granted in pursuance of said application and any divisional, continuation or

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continuation-in-part application thereof, and in and to any reissue of any such patent, and in and to any patent applications which may be filed on said invention in countries foreign to the United States and any Letters Patent granted thereon.

I further authorize said corporation to apply for foreign patents on said invention in its own name or through its designees, including subsidiaries, related companies or assignees, under the International Convention or otherwise, and we further agree to execute all papers, including those required for the United States and foreign applications, and to perform such other proper acts as said corporation or its designees the rights herein assigned.

  
YUAN-CHANG HUANG

TUNG & ASSOCIATES  
838 W. Long Lake Road  
Suite 120  
Bloomfield Hills, Michigan 48302